

05585931.058530

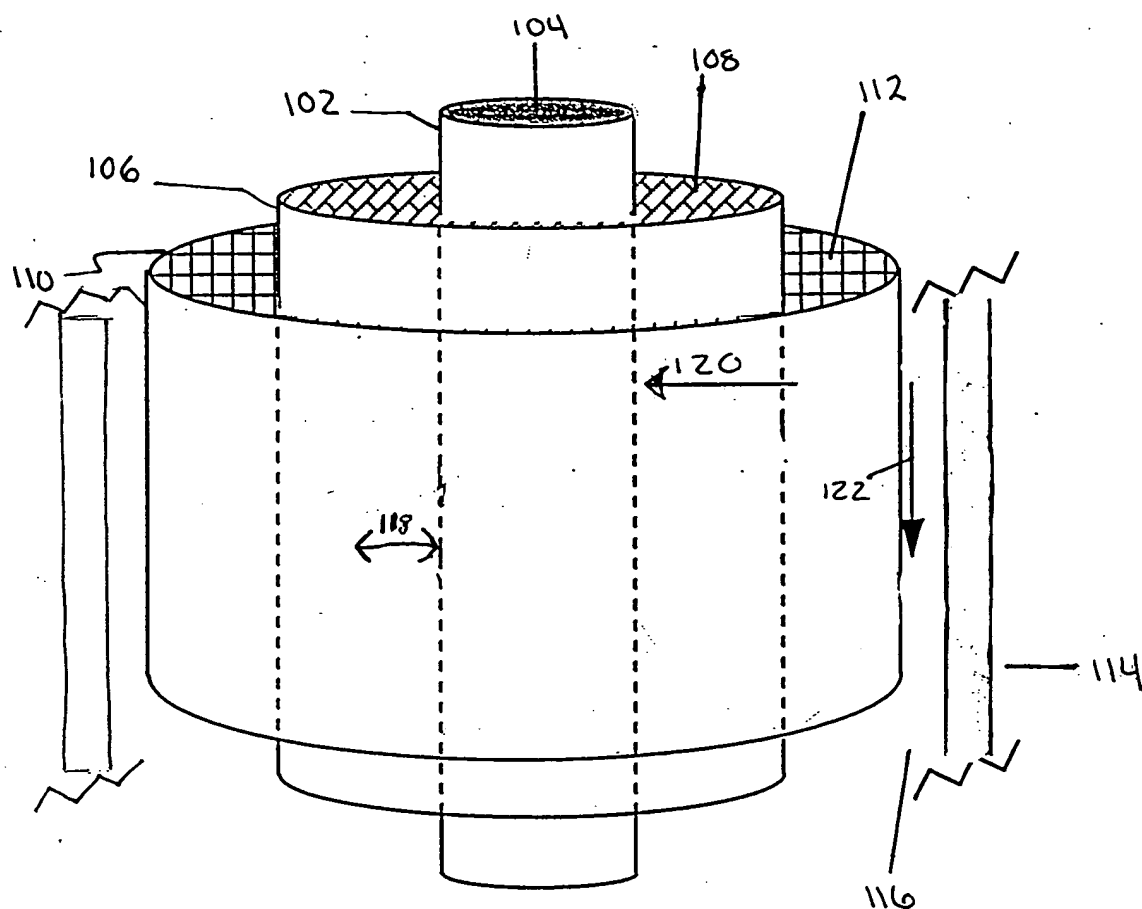


Figure 1A

005090" T0590560

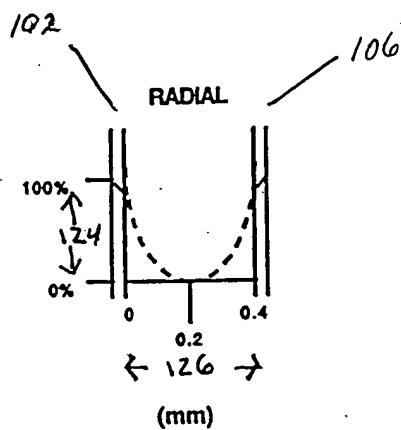


Figure 1B

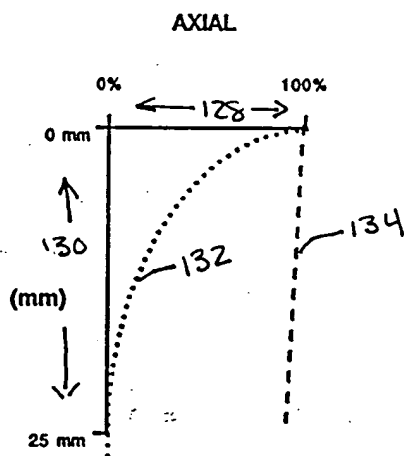


Figure 1C

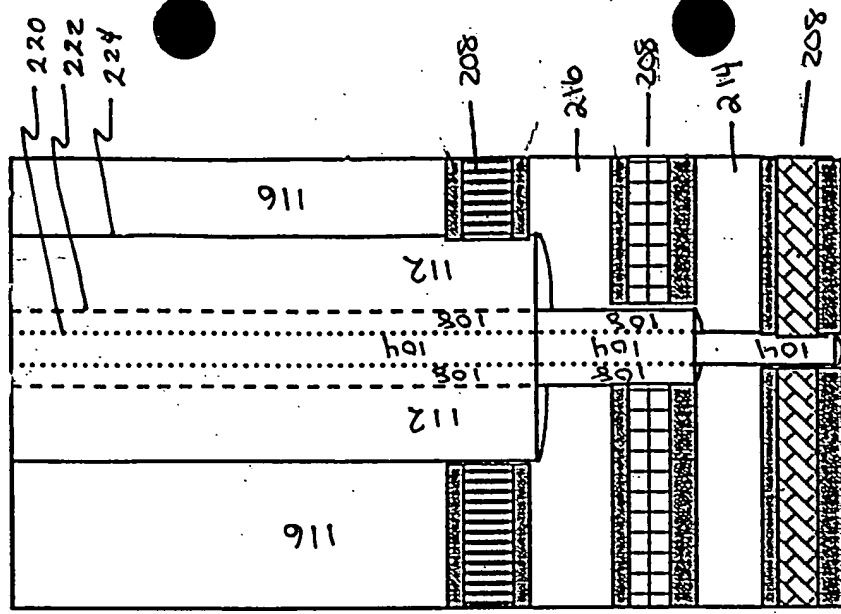
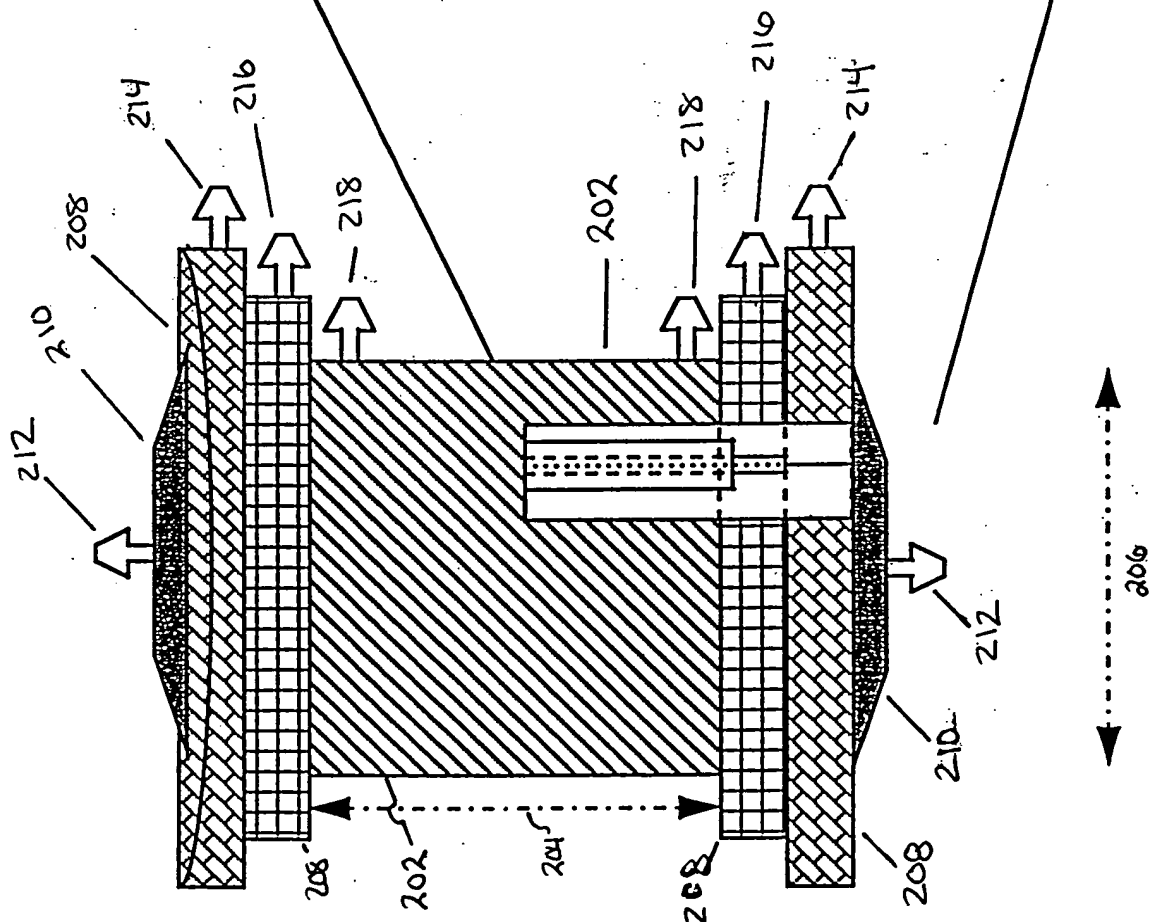


Figure 2B

Figure 2A

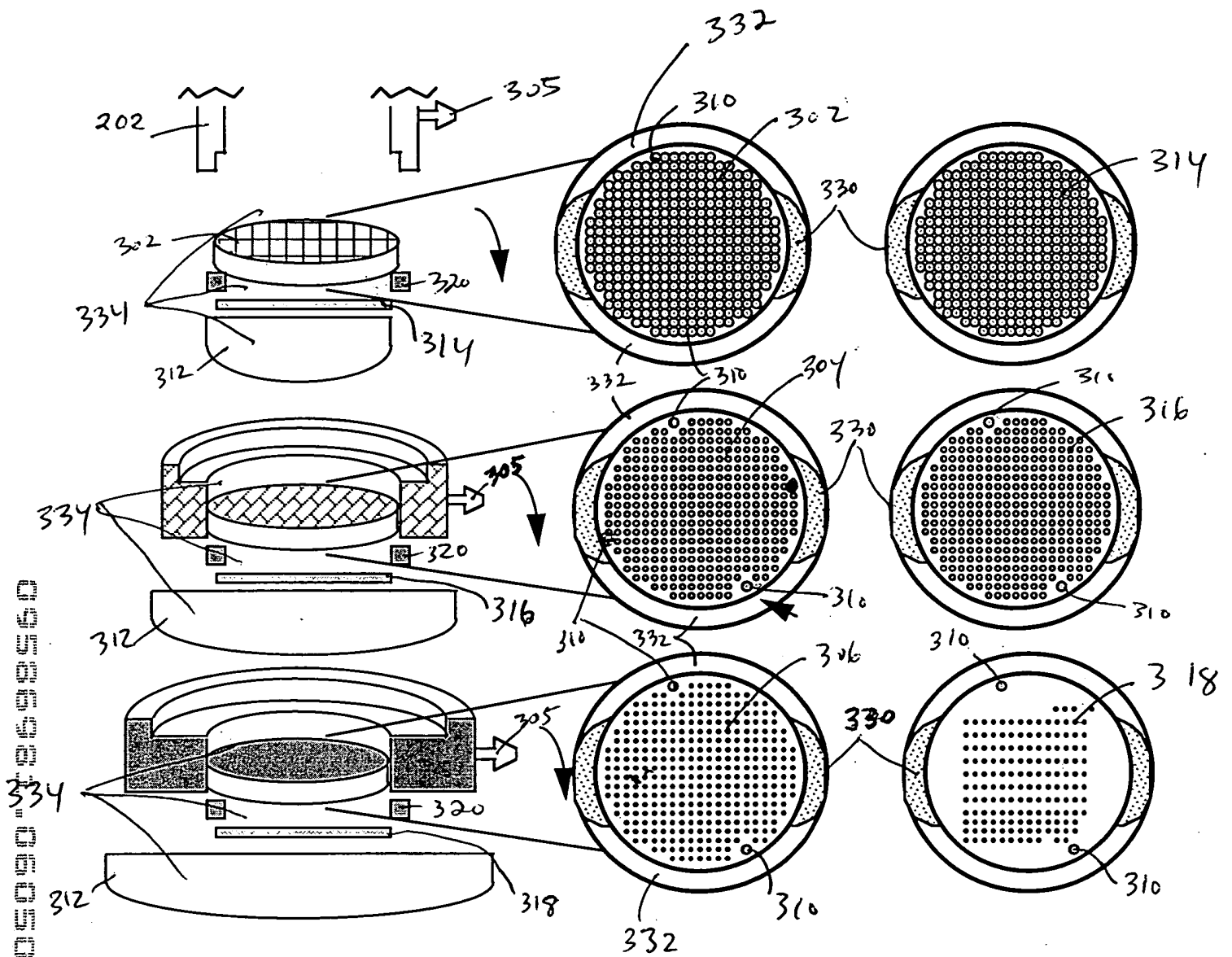


Figure 3A

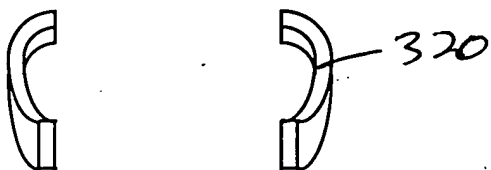


Figure 3B

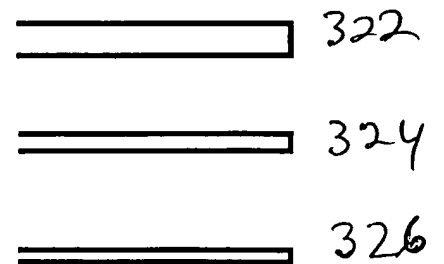


Figure 3C

09586961.060500

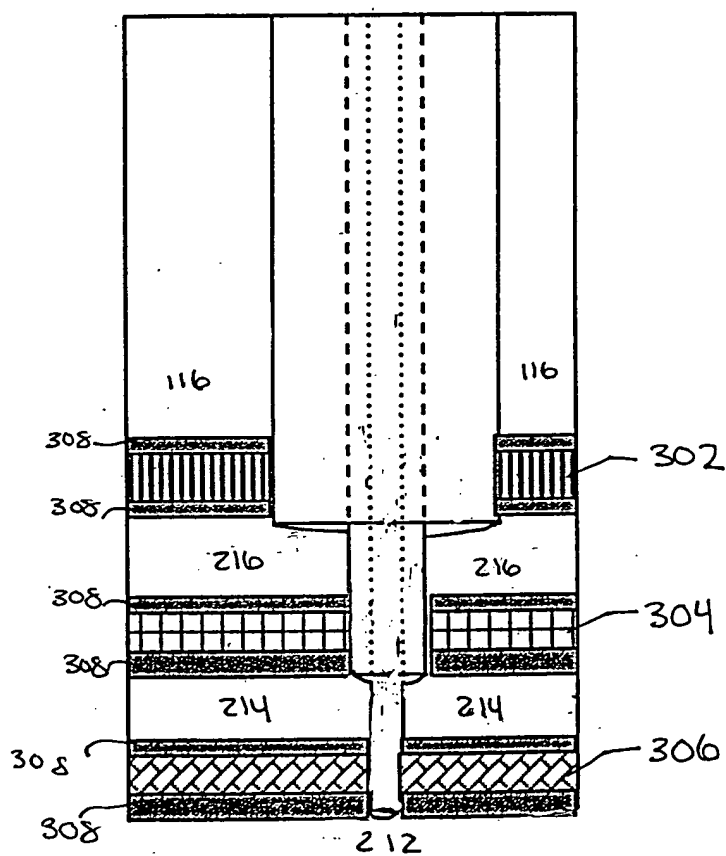


Figure 3D

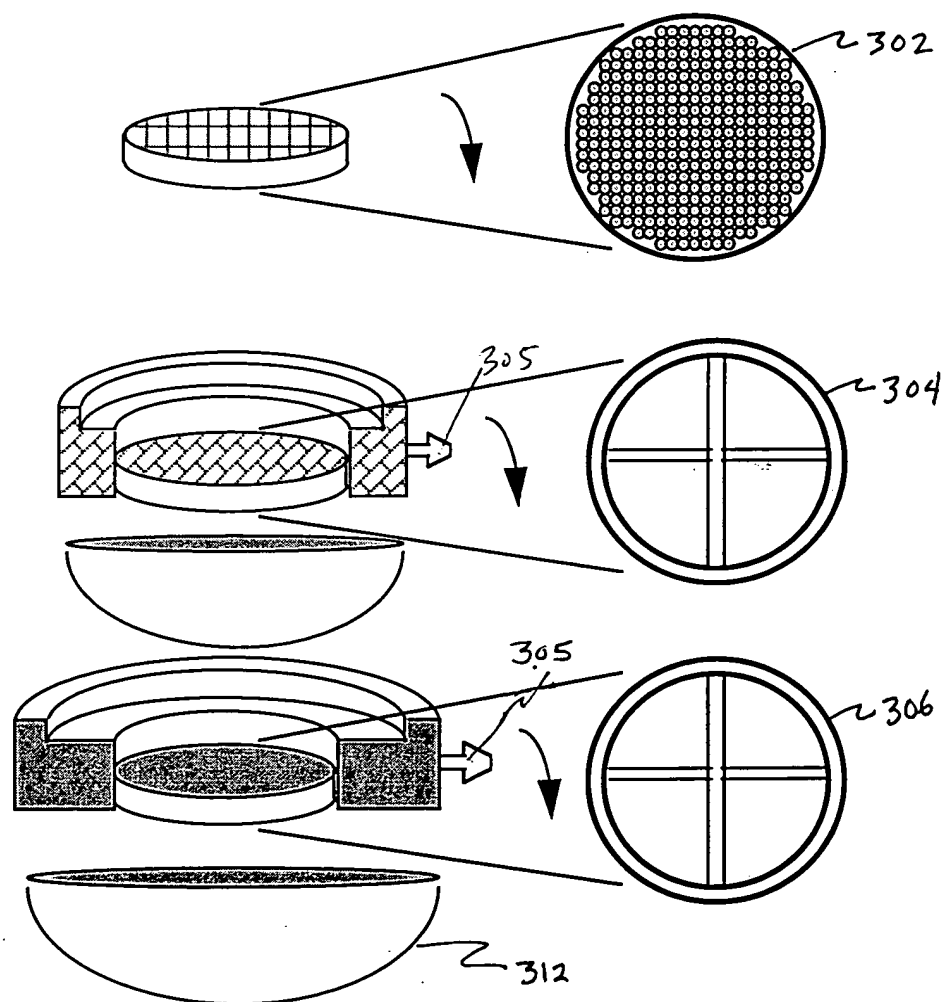


Figure 3E

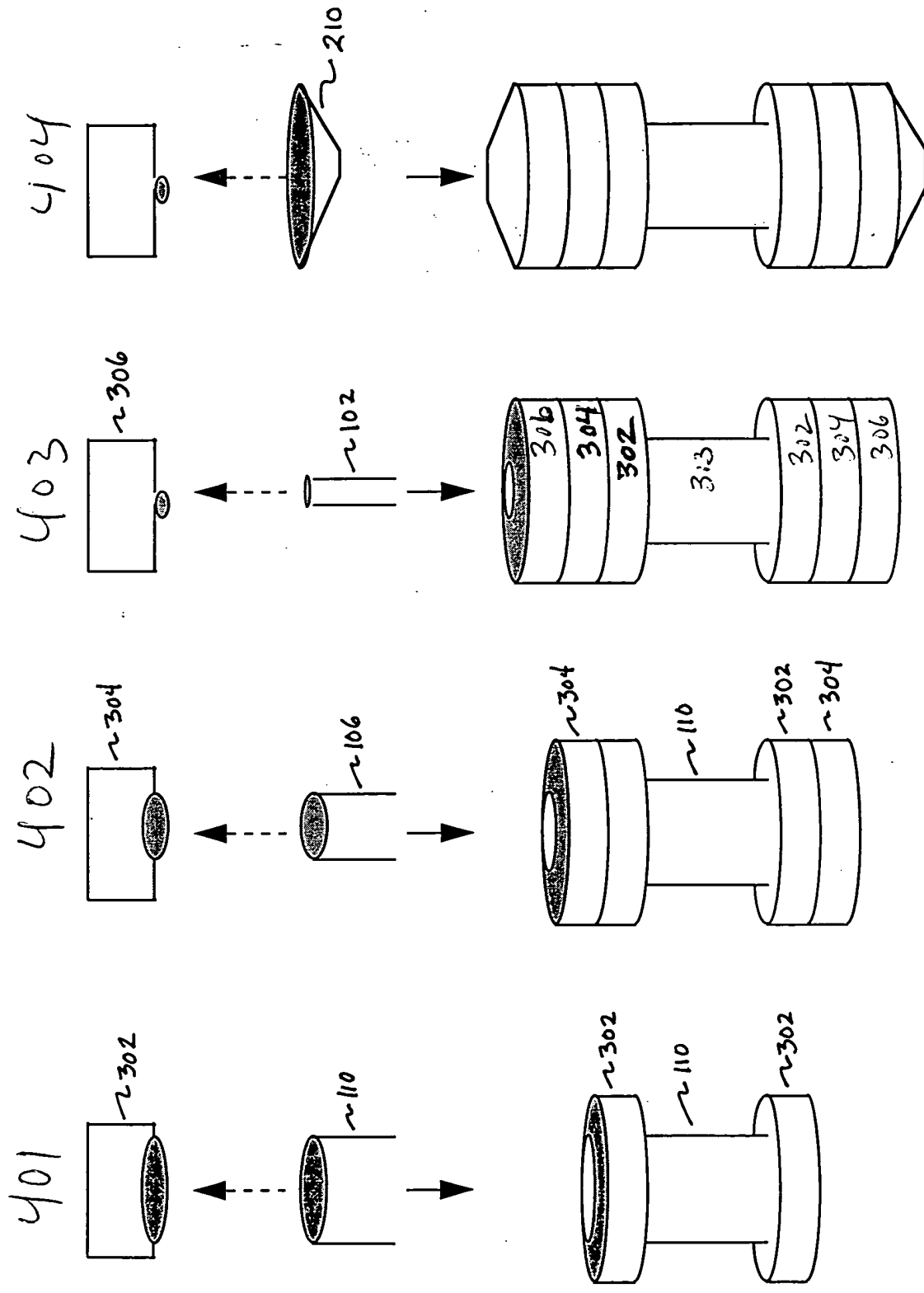


Figure 4

09506901.080500

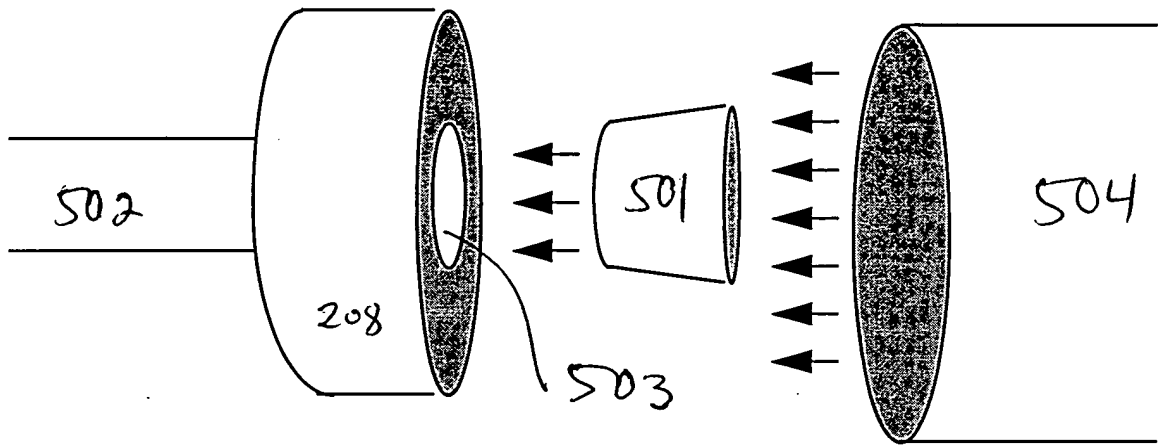


Figure 5

Figure 6B

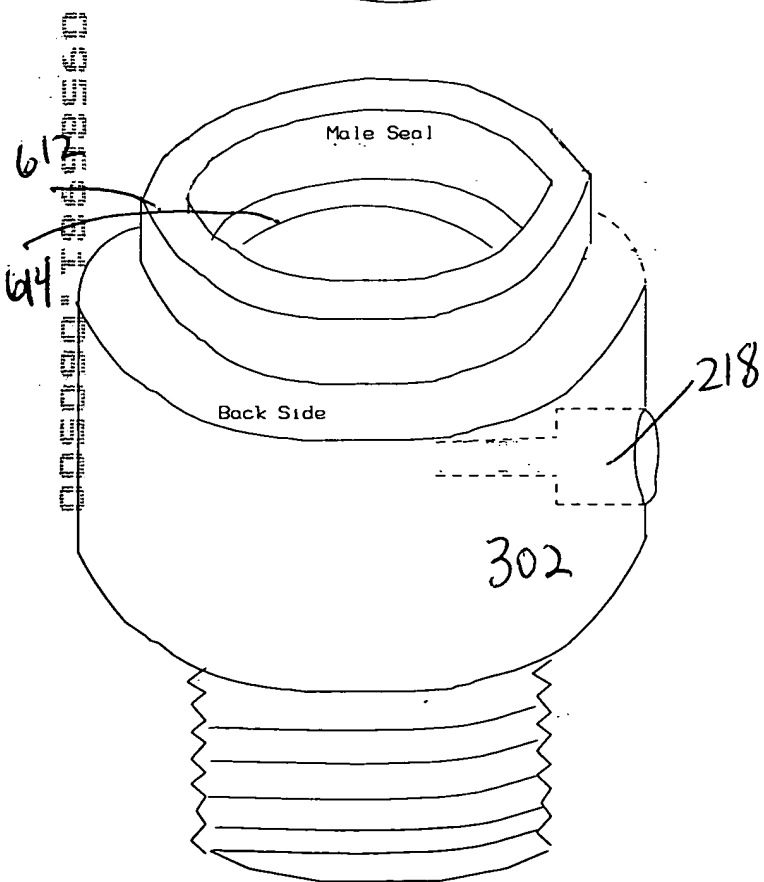
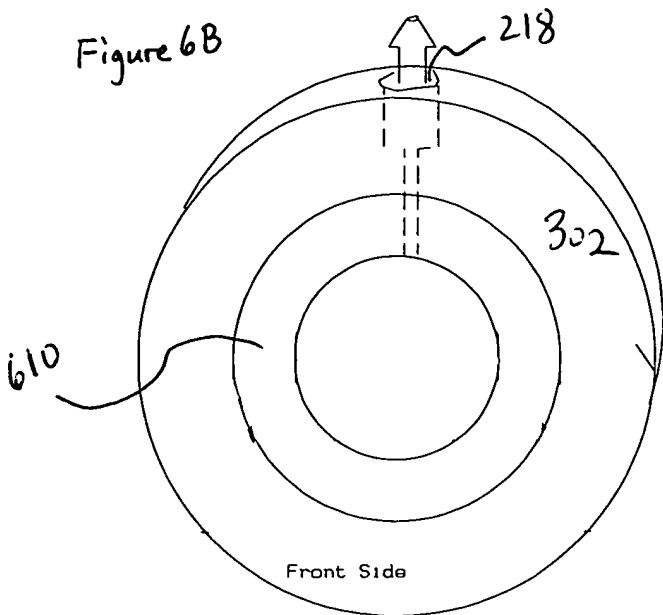


Figure 6C

Figure 6D

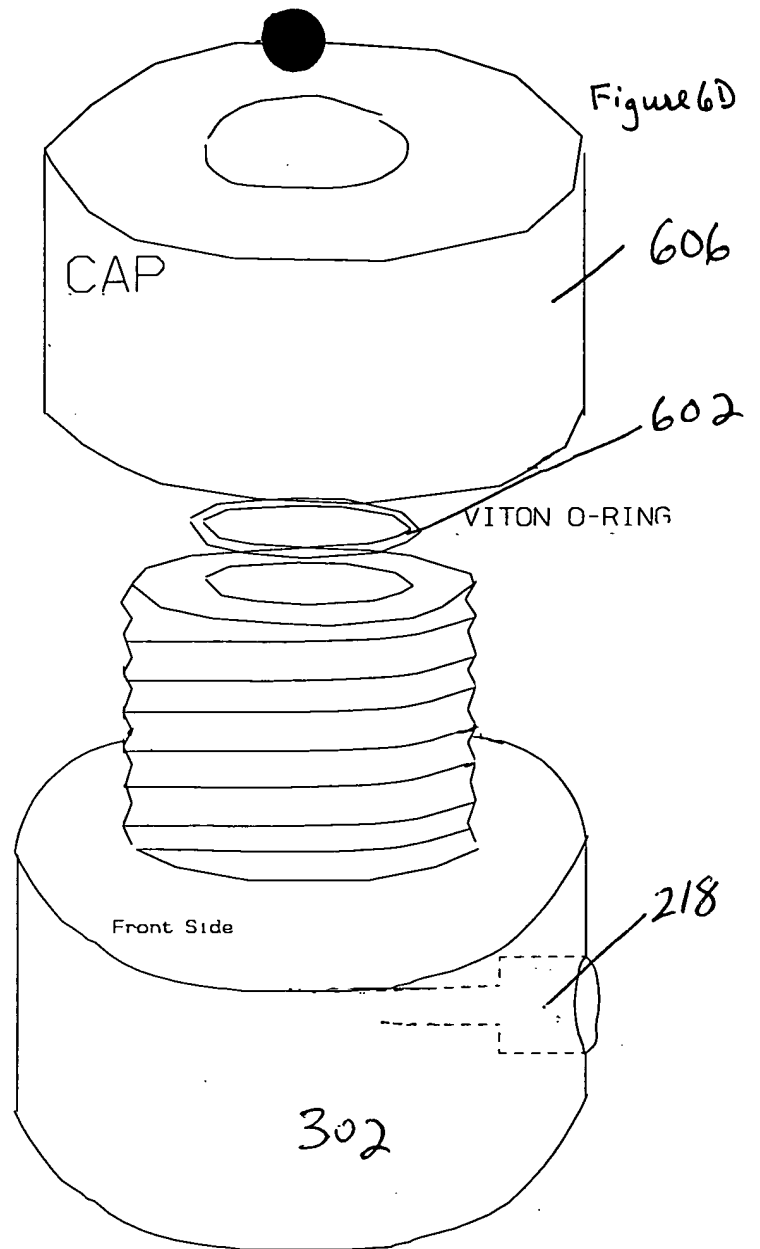


Figure 6E

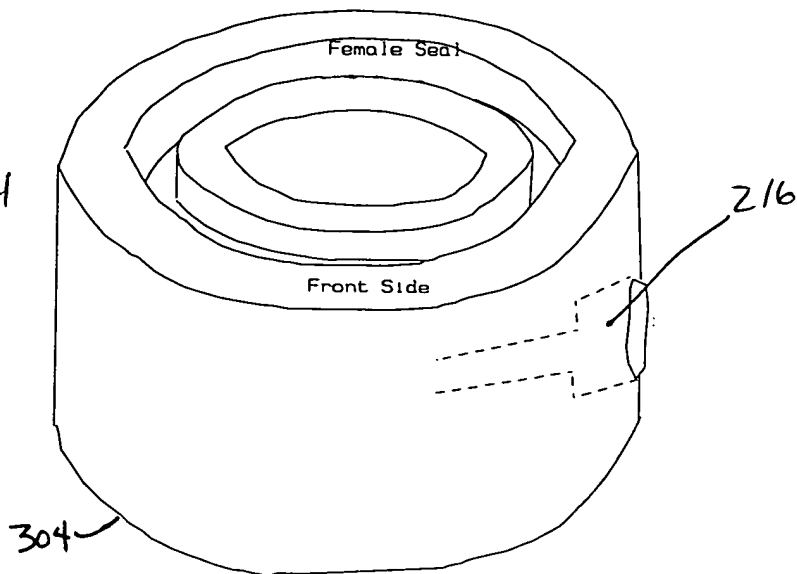
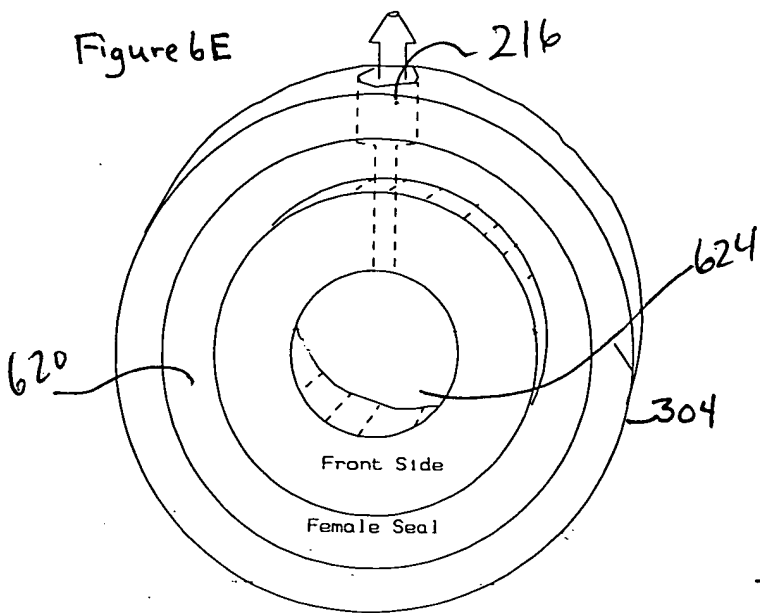


Figure 6F

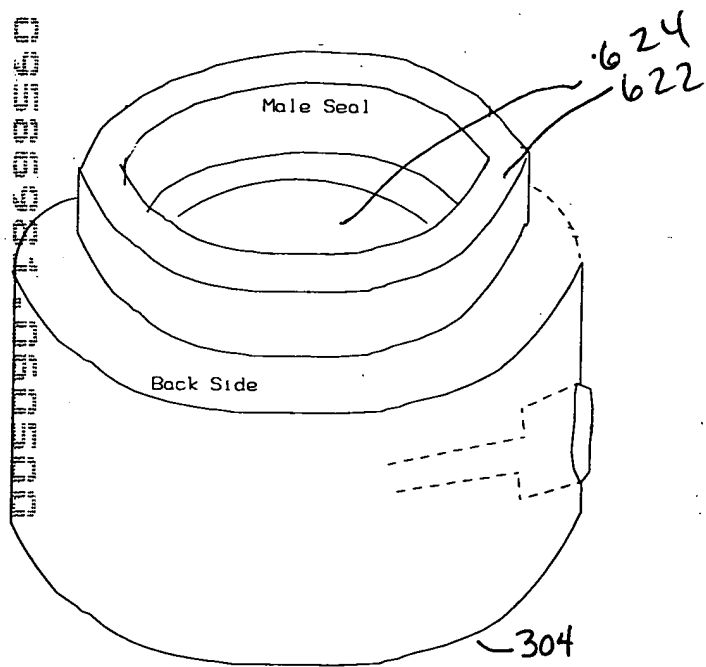


Figure 6G

005030" T0592550

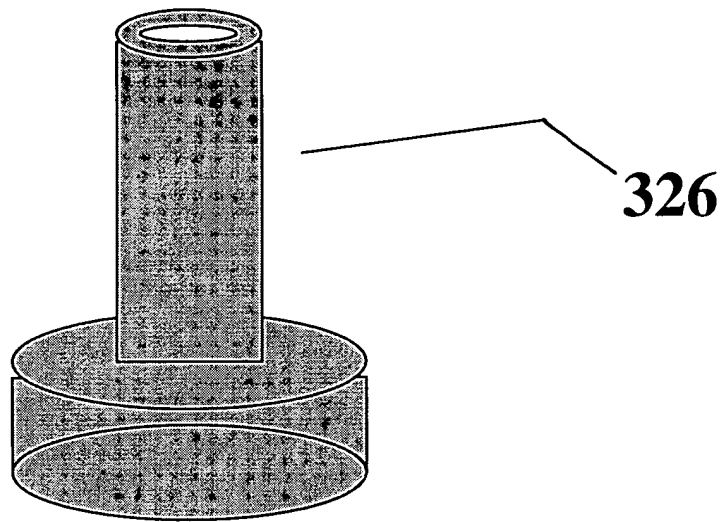
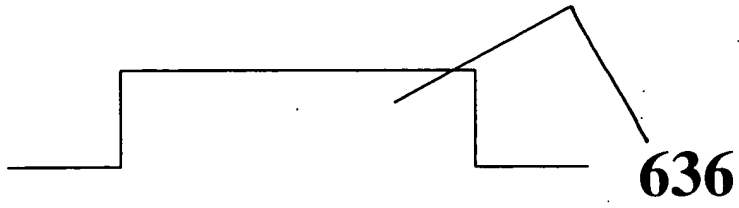


Figure 6H

0950991.060500

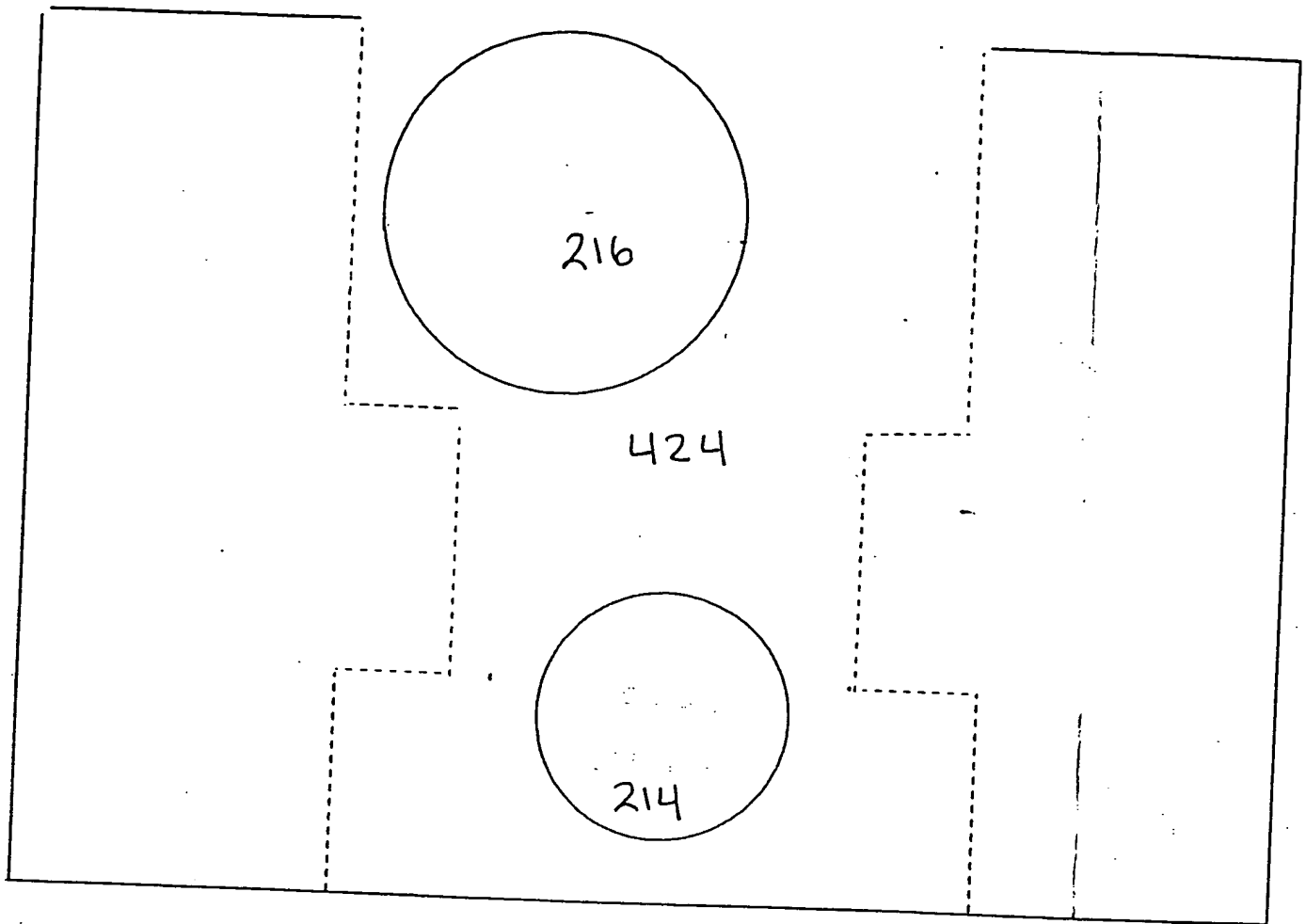
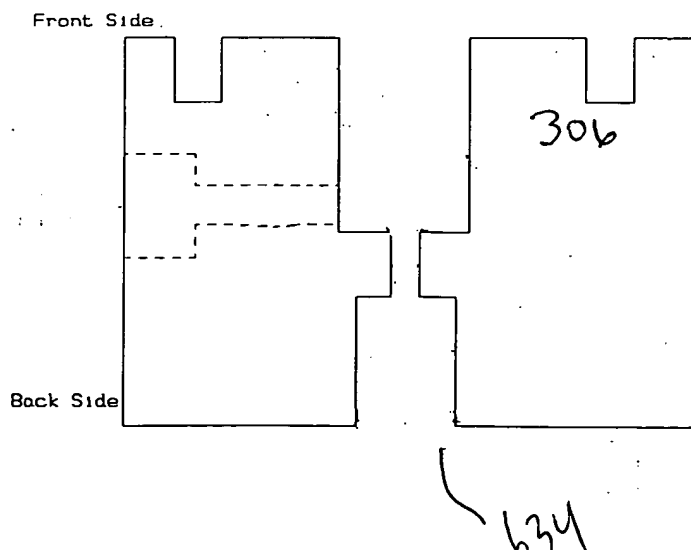
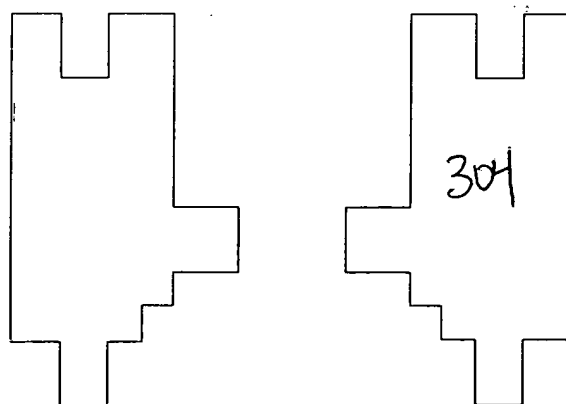
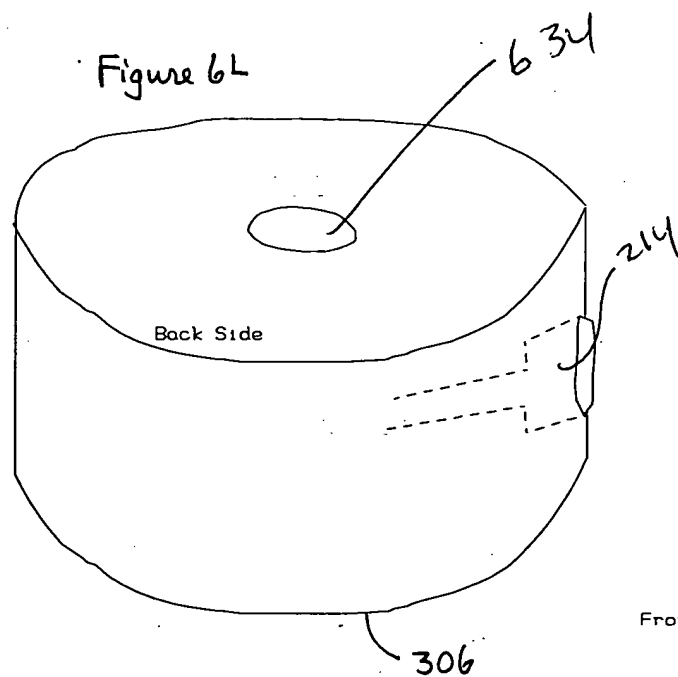
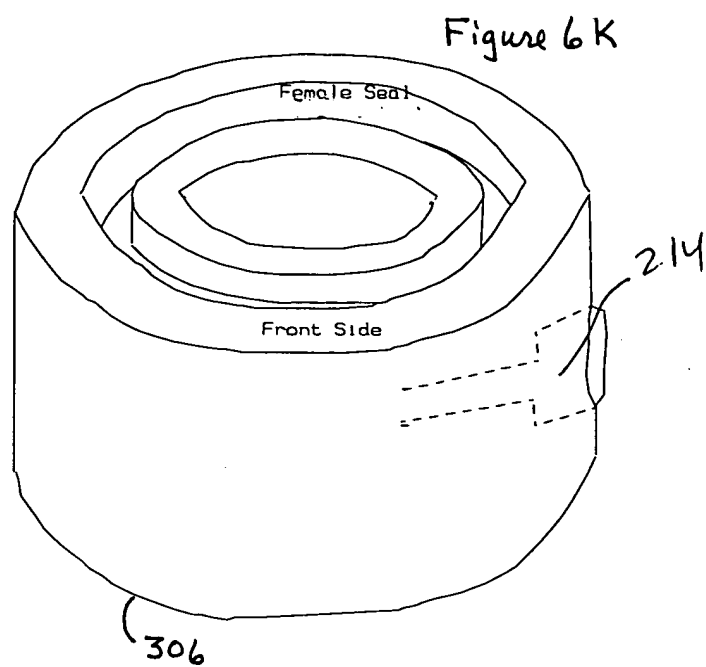
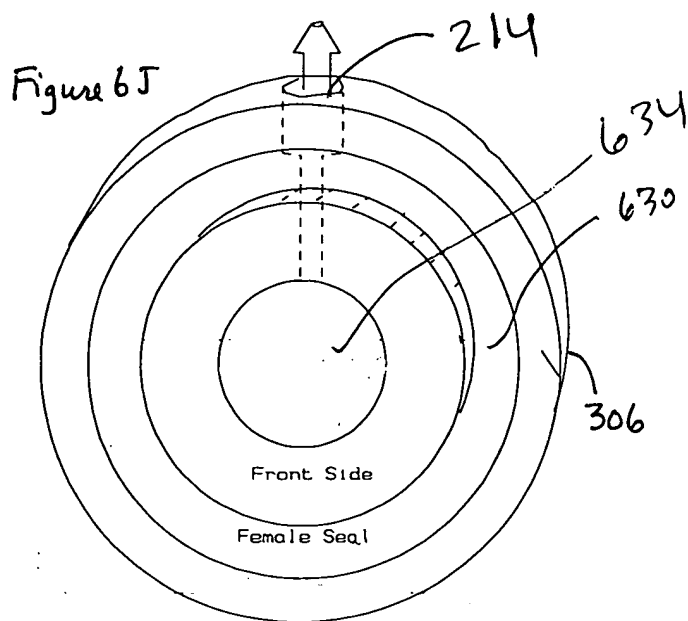


Figure 6I



005000-18698560

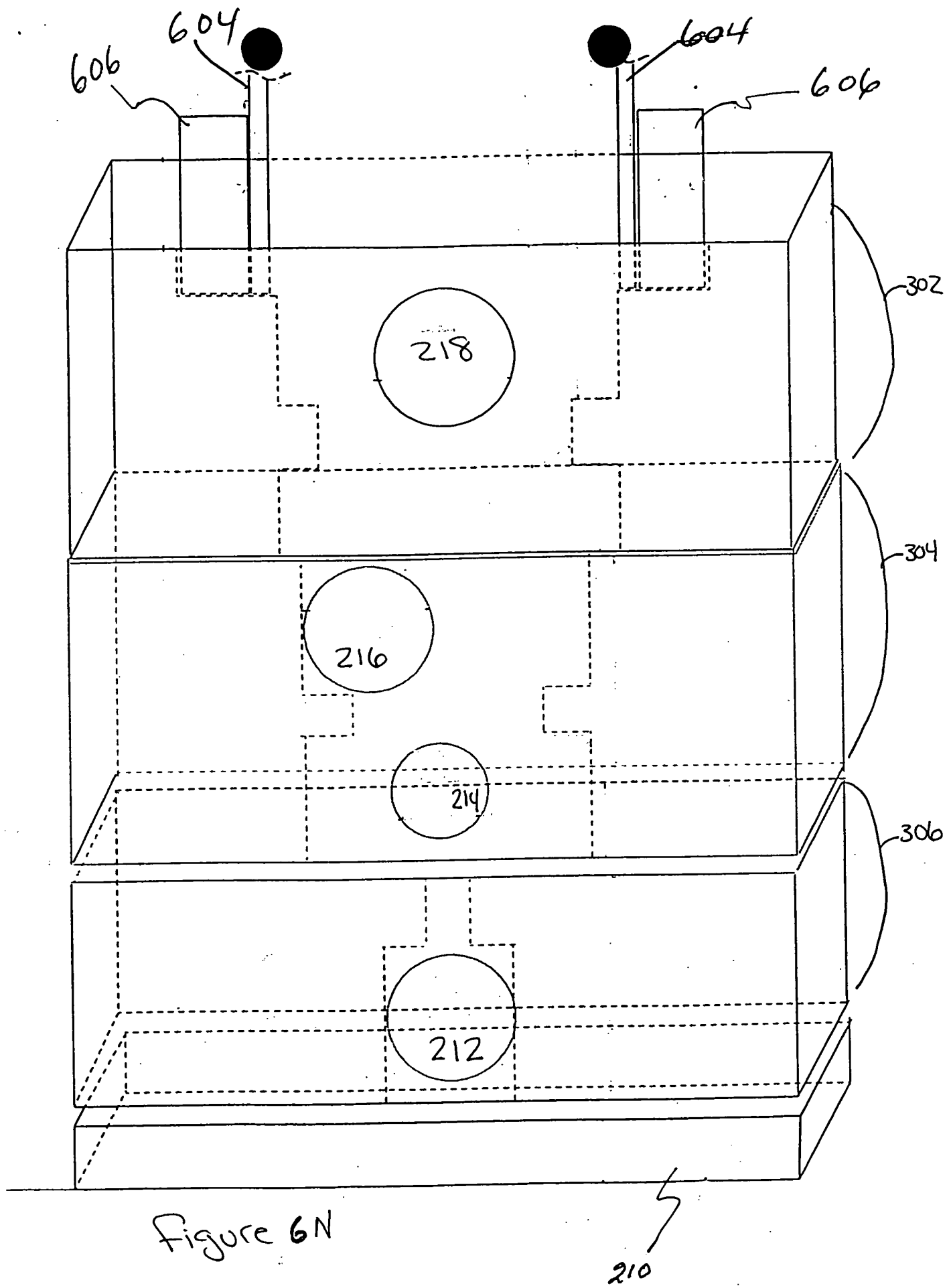


Figure 6N

The diagram illustrates a device assembly. The upper portion is a cross-sectional view of a circular disk (208) featuring a central hole. The disk is composed of an outer ring (704) and an inner ring (705), with a central circular region (706). The lower portion is a perspective view of a rectangular block (701) with a central vertical cylindrical hole. The block has two horizontal rectangular features (702) on its top and bottom surfaces. A dashed line (703) represents the central axis of the cylinder.

Figure 7

005030.T0599550

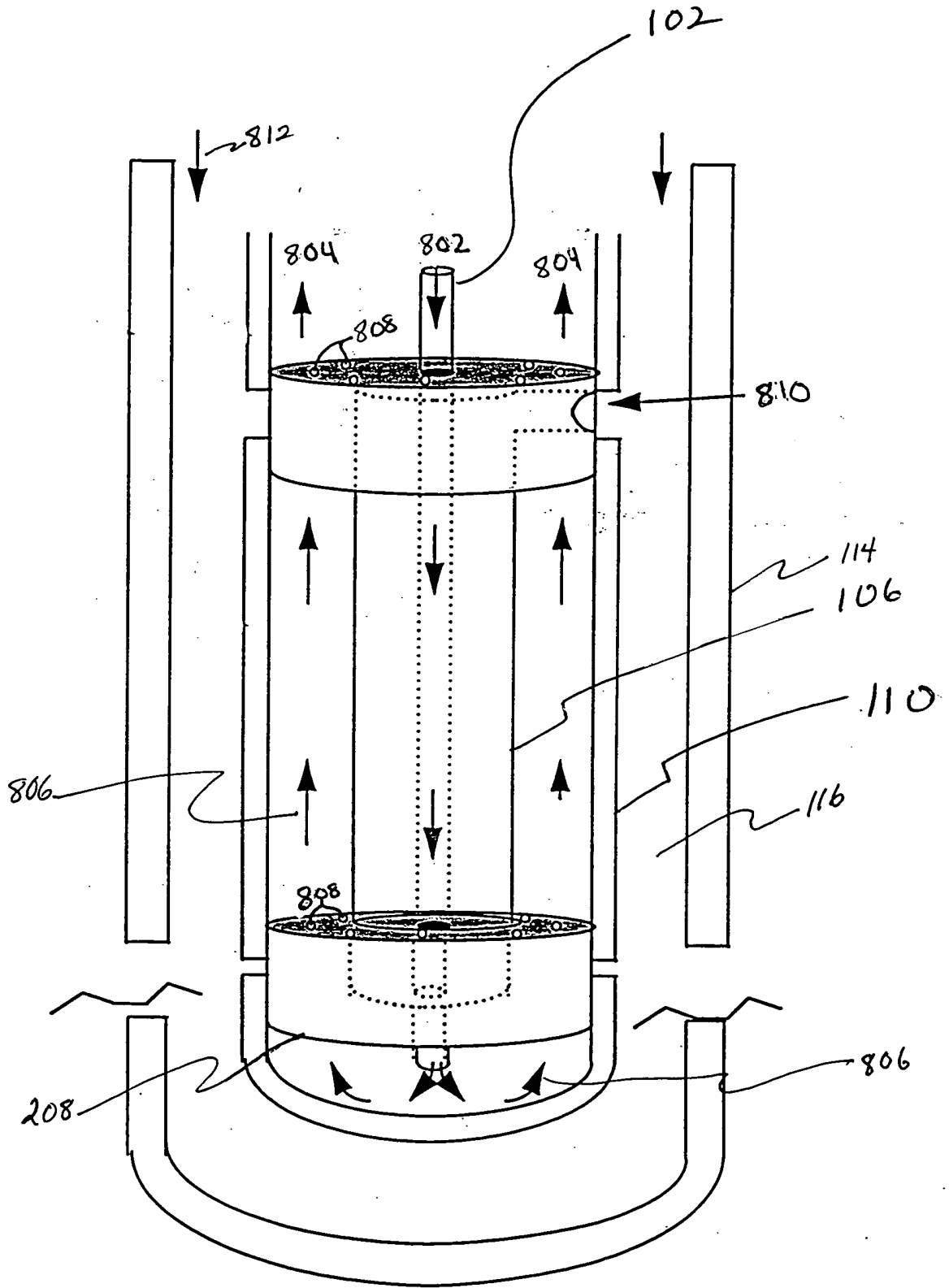


Figure 8

005090" T0599560

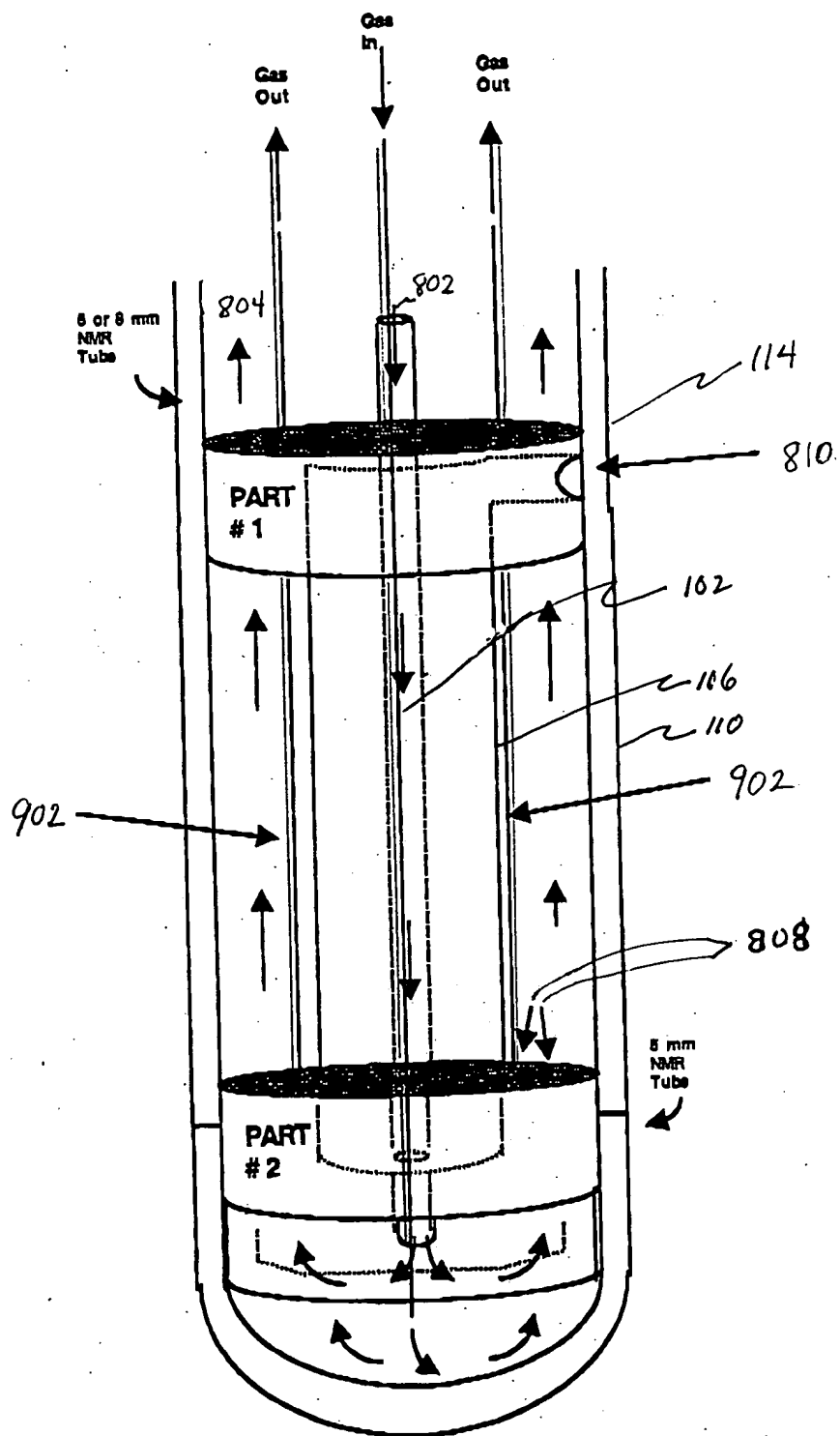


Figure 9:

00506T8959560

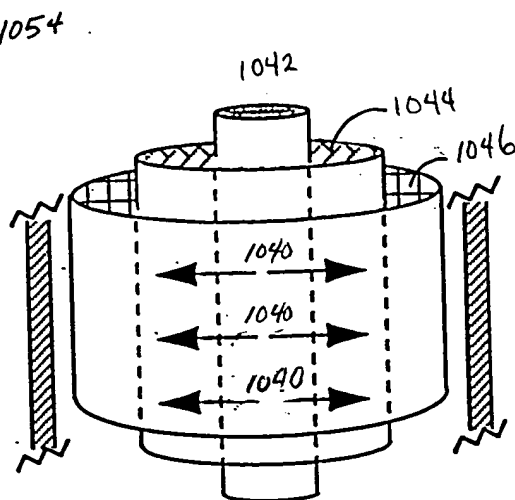
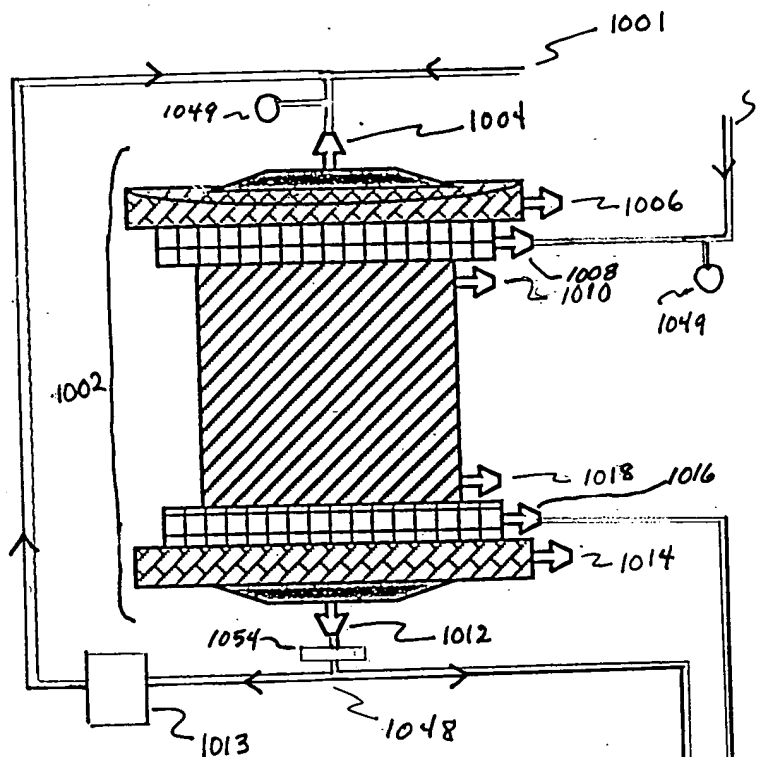


Figure 10B

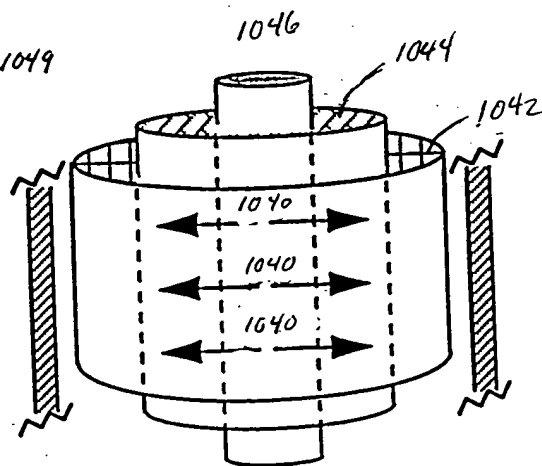
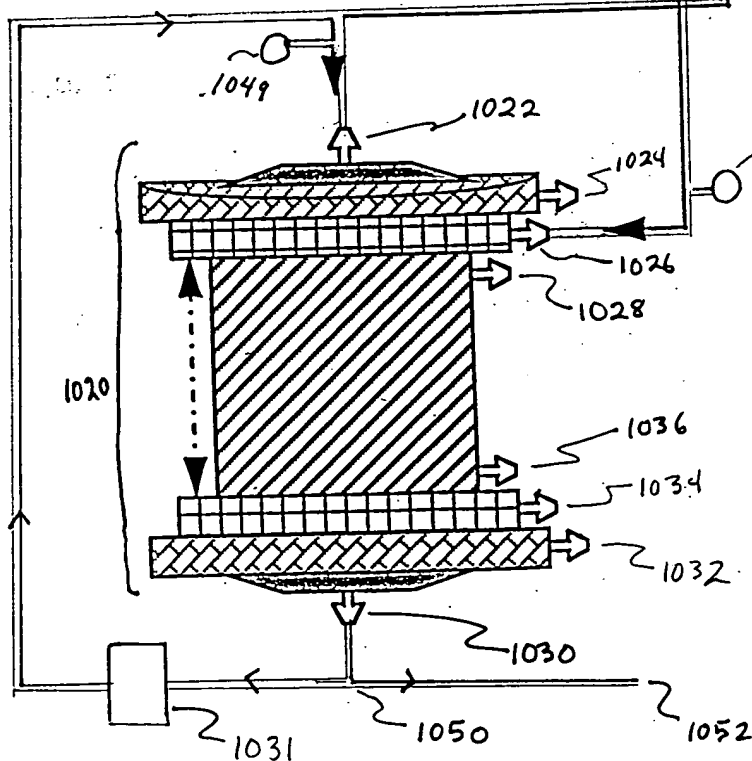


Figure 10C

Figure 10A

The diagram illustrates a quantum device structure. A central region is divided into two layers, K_1 and K_2 , with permittivities P_1 and P_2 respectively. The structure is bounded by a potential Q . On the left, energy levels are labeled 1102, 1104, 1106, and 1110. On the right, four vertical arrows represent distances r_a , r_b , r_c , and r_d . A horizontal double-headed arrow at the bottom is labeled L .

4

005090-19699550

Fig. 11B

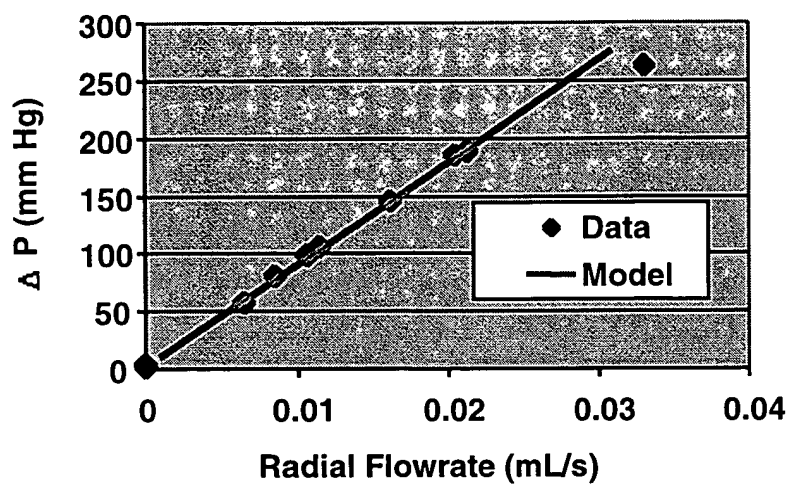
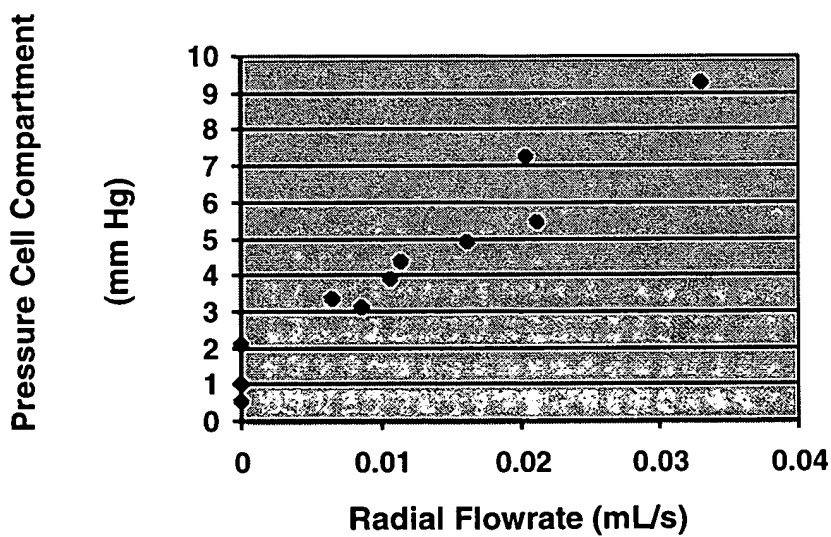


Fig. 11C



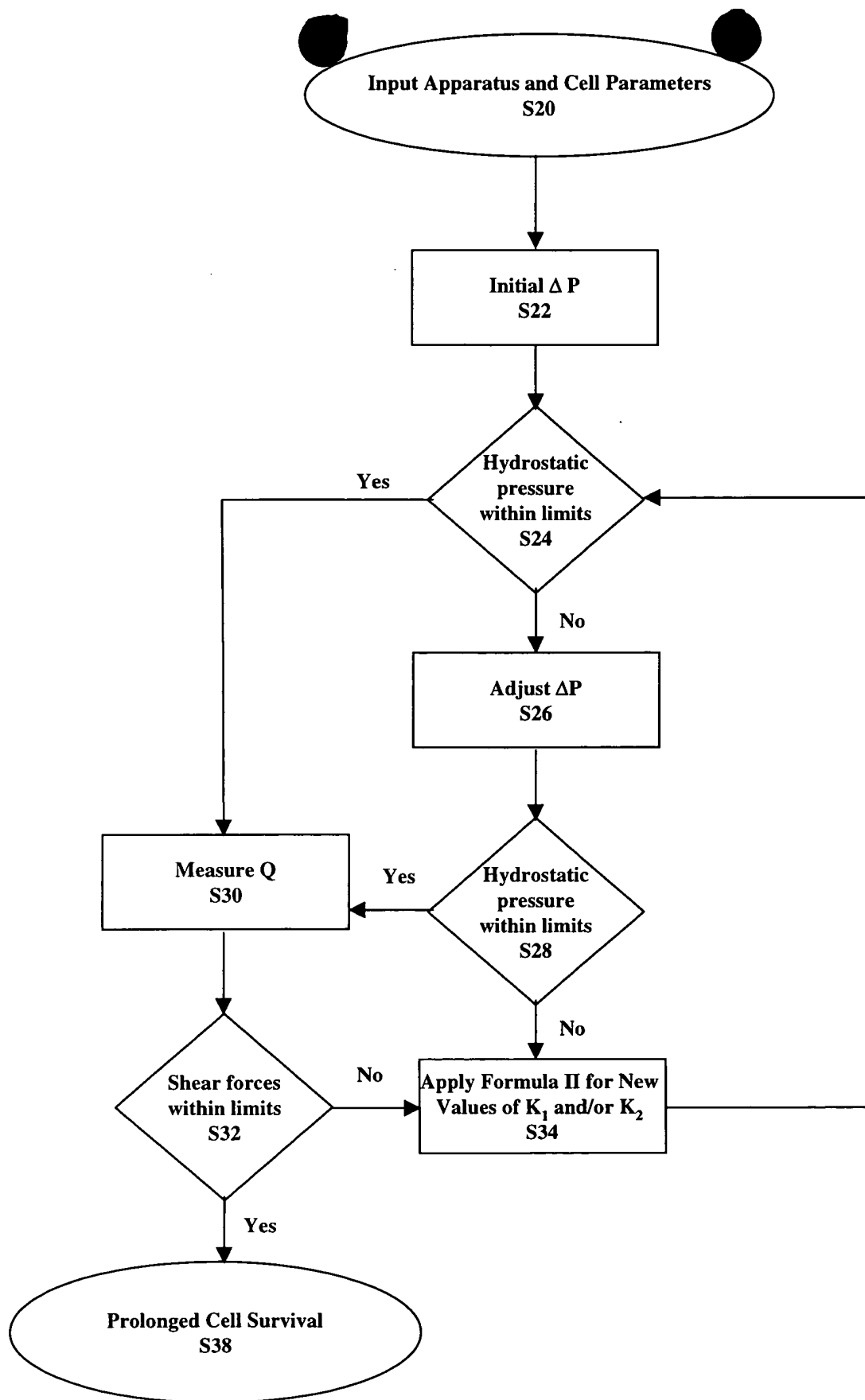


Fig. 12

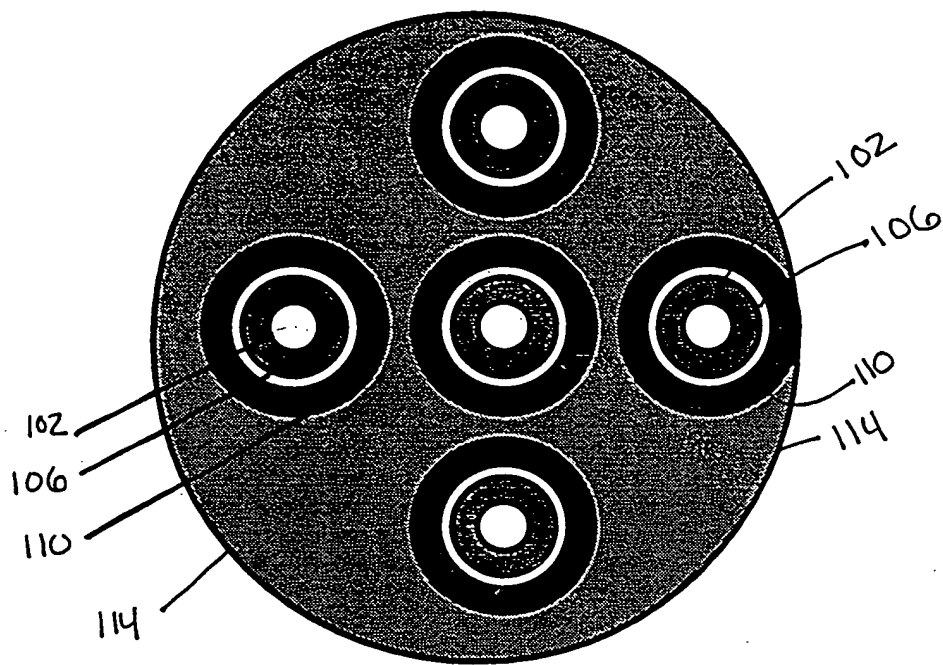


Figure 13A

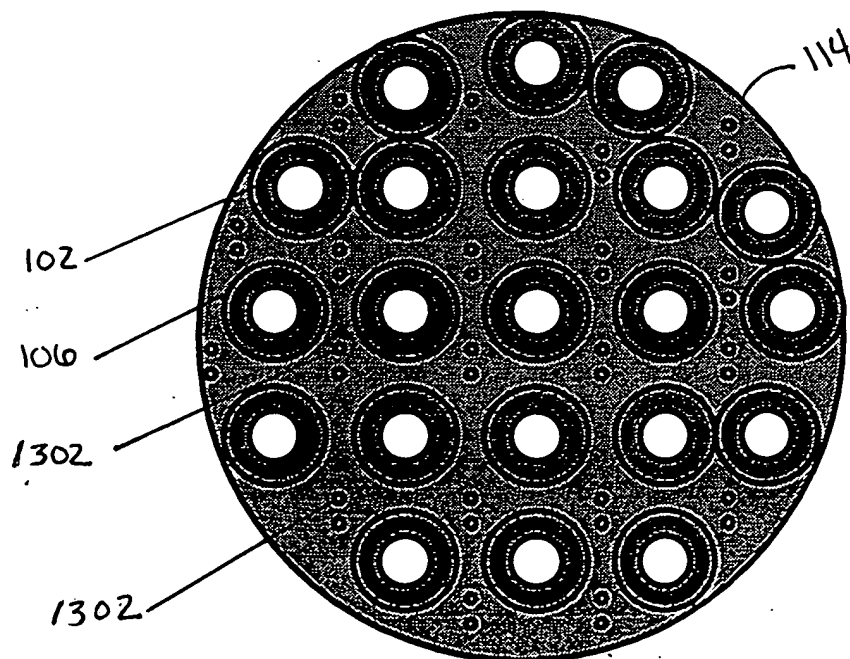


Figure 13B

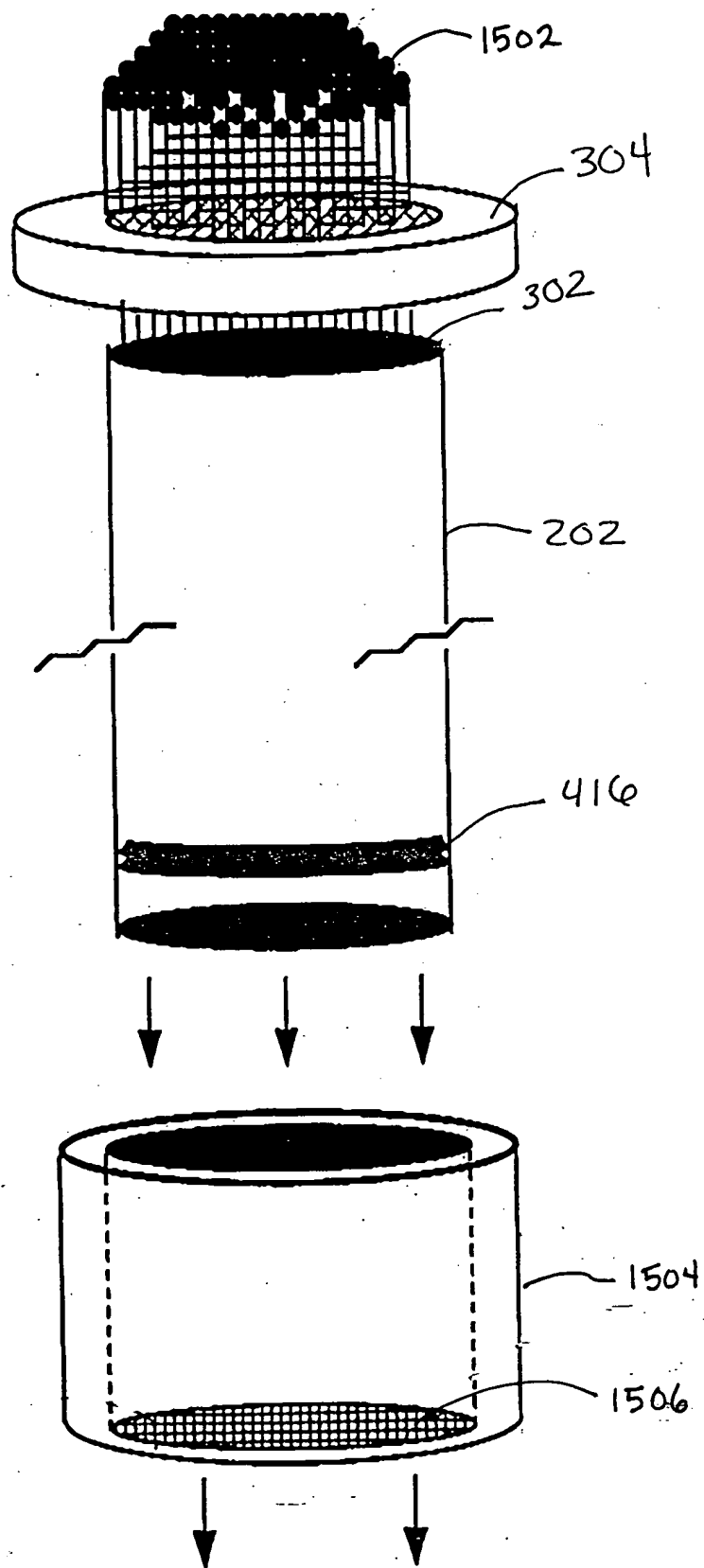


Figure 15